

PE Anti-CD39 antibody [A1] ab30424

3 References

Overview

Product name	PE Anti-CD39 antibody [A1]
Description	PE Mouse monoclonal [A1] to CD39
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	Binds to the human CD39 cell surface antigen (70-100kD)
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD39. PHA activated human lymphocytes.
General notes	<p>CD39 has intrinsic ecto-ATPase activity.</p> <p>Purified IgG conjugated to R. Phycoerythrin (RPE).</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
Purity	Protein G purified
Purification notes	Protein G affinity chromatography from tissue culture supernatant.
Primary antibody notes	CD39 has intrinsic ecto-ATPase activity.

Clonality	Monoclonal
Clone number	A1
Myeloma	NS1
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab30424 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. Use 10ul to label 10 ⁶ cells or 100ul whole blood. ab91357 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation. Hydrolyzes ATP and ADP equally well.
Tissue specificity	Expressed primarily on activated lymphoid cells. Also expressed in endothelial tissues. The vascular isoform and the placental isoform II are present in both placenta and umbilical vein, whereas placental isoform I is present in placenta only.
Sequence similarities	Belongs to the GDA1/CD39 NTPase family.
Post-translational modifications	The N-terminus is blocked. Palmitoylated in the N-terminal part.
Cellular localization	Membrane.
Form	There are 3 isoforms produced by alternative splicing.

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